



EV447216558US

Attorney Docket No.: 2098/US  
Express Mail Label No. EV 447 216 558 US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of:

Michael Johnson et al.

Appln. No.: 10/668,843

Filed: September 22, 2003

For: MEDICAL DEVICE HAVING INTEGRAL  
TRACES AND FORMED ELECTRODES

Confirmation No.: 4980

Group Art Unit: 3763

Examiner: Not Yet Assigned

**CERTIFICATE OF MAILING BY EXPRESS MAIL**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

The undersigned hereby certifies that the following documents:

1. Information Disclosure Statement Under 37 C.F.R. § 1.97(b)(3) and § 1.98;
2. Information Disclosure Statement by Applicant (Form PTO-1449);
3. Twenty-two (22) references;
4. Certificate of Mailing by Express Mail; and
5. Return Card,

relating to the above application, were deposited as "Express Mail" under 37 C.F.R. § 1.10, Mailing Label No. EV 447 216 558 US with the United States Postal Service, addressed to Commissioner of Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this 20 day of

May 2004.

Signature of Person Mailing Correspondence

Jane Laliv

Printed Name of Person Mailing Correspondence

DORSEY & WHITNEY LLP  
USPTO Customer No. 20686



Attorney Docket No.: 2098/US  
Express Mail Label No.: EV 447 216 558 US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of:

Michael Johnson et al.

Appln. No.: 10/668,843

Filed: September 22, 2003

For: MEDICAL DEVICE HAVING INTEGRAL  
TRACES AND FORMED ELECTRODES

Confirmation No.: 4980

Group Art Unit: 3763

Examiner: Not Yet Assigned

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT  
Under 37 C.F.R. § 1.97(b)(3) and § 1.98

Sir:

The Information Disclosure Statement submitted herewith is being filed before the mailing date of a first Office action on the merits.

The Examiner is requested to consider the references noted on the enclosed Form PTO-1449 during examination of the above-identified patent application. The references are submitted for the Examiner's consideration and are submitted pursuant to the duty of disclosure under 37 C.F.R. § 1.56. In submitting the references, no representation is made or implied that the references are or are not material to the examination of the application. The Examiner is encouraged to make his or her own determination of materiality. Pursuant to the U.S. Patent and Trademark Office's July 11, 2003 waiver of the requirements of 37 C.F.R. § 1.98(a)(2)(i), only copies of the foreign patent references and other documents are provided.

The following patents are not in the English language: DE 40 01 086 and EP 0656217. English translations of the abstracts (from esp@cenet database) are attached to these patents, which are enclosed, to satisfy the requirement for a concise explanation of relevance.

Application No.: 10/668,843  
Attorney Docket No. 2098/US  
Express Mail Label No. EV 447 216 558 US

Pursuant to 37 C.F.R. § 1.97(b)(3), no fees are due with respect to this filing. However, if any fees are deemed necessary, such fees may be charged to Deposit Account No. 04-1415.

If the examiner has any questions, please contact the undersigned attorney.

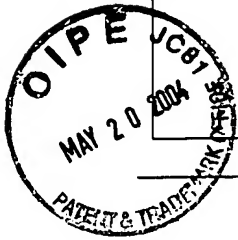
Dated: May 20, 2004.

Respectfully submitted,

  
\_\_\_\_\_  
S. Craig Hemenway, Reg. No. 44,759  
DORSEY & WHITNEY LLP  
370 Seventeenth Street, Suite 4700  
Denver, CO 80202-5647  
Tel.: (303) 629-3400  
Fax: (303) 629-3450

USPTO Customer No. 20686

Enclosures

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE  
(Modified) PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.  
2098/USAPPLN. NO.  
10/668,843INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT  
(Use several sheets if necessary)APPLICANT:  
Michael Johnson et al.FILING DATE  
September 22, 2003GROUP  
3763

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	3,867,945	02/1975	Long			
	4,033,331	07/1977	Guss et al.			
	4,117,836	10/1978	Erikson			
	4,244,362	01/1981	Anderson			
	4,445,892	05/1984	Hussein et al.			
	4,500,529	02/1985	Shanklin, Jr. et al.			
	4,558,155	12/1985	Shanklin, Jr. et al.			
	4,569,347	02/1986	Frisbie			
	4,581,017	04/1986	Sahota			
	4,641,649	02/1987	Walinsky et al.			
	4,705,517	11/1987	DiPisa, Jr.			
	4,721,117	01/1988	Mar et al.			
	4,729,384	03/1988	Bazenet			
	4,790,331	12/1988	Okeda et al.			
	4,810,244	03/1989	Allen			
	4,838,879	06/1989	Tanabe et al.			
	4,867,174	09/1989	Skribiski			
	4,882,777	11/1989	Narula			
	4,883,058	11/1989	Ruiz			
	4,898,591	02/1990	Jang et al.			
	4,911,163	03/1990	Fina			
	4,917,102	04/1990	Miller et al.			
	4,935,017	06/1990	Sylvanowicz			
	4,945,912	08/1990	Langberg			
	4,955,377	09/1990	Lennox et al.			
	4,969,875	11/1990	Ichikawa			
	4,988,698	01/1991	Kato et al.			
	5,002,532	03/1991	Gaiser et al.			
	5,016,640	05/1991	Ruiz			
	5,100,388	03/1992	Behl et al.			
	5,103,804	04/1992	Abele et al.			
	5,106,360	04/1992	Ishiwara et al.			
	5,120,323	06/1992	Shockey et al.			
	5,147,315	09/1992	Weber			
	5,162,911	11/1992	Burrage			

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		5,171,232	12/1992	Castillo et al.			
		5,172,699	12/1992	Svenson et al.			
		5,209,229	05/1993	Gilli			
		5,215,540	06/1993	Anderhub			
		5,215,989	06/1993	Baldwin et al.			
		5,222,501	06/1993	Ideker et al.			
		5,228,442	07/1993	Imran			
		5,231,994	08/1993	Harmjanz			
		5,231,995	08/1993	Desai			
		5,242,441	09/1993	Avitall			
		5,246,007	09/1993	Frisbie et al.			
		5,246,438	09/1993	Langberg			
		5,256,141	10/1993	Gencheff et al.			
		5,263,493	11/1993	Avitall			
		5,267,982	12/1993	Sylvanowicz			
		5,271,392	12/1993	Ferek-Petric			
		5,279,546	01/1994	Mische et al.			
		5,281,213	01/1994	Milder et al.			
		5,281,217	01/1994	Edwards et al.			
		5,281,218	01/1994	Imran			
		5,282,836	02/1994	Kreyenhagen et al.			
		5,286,866	02/1994	Carr et al.			
		5,287,858	02/1994	Hammerslag et al.			
		5,290,229	03/1994	Paskar			
		5,293,868	03/1994	Nardella			
		5,295,493	03/1994	Radisch, Jr.			
		5,299,574	04/1994	Bower			
		5,304,131	04/1994	Paskar			
		5,304,214	04/1994	DeFord et al.			
		5,312,355	05/1994	Lee			
		5,322,509	06/1994	Rickerd			
		5,366,490	11/1994	Edwards et al.			
		5,427,119	06/1995	Swartz et al.			
		5,433,729	07/1995	Adams et al.			
		5,450,846	09/1995	Goldreyer			
		5,462,529	10/1995	Simpson et al.			
		5,468,239	11/1995	Tanner et al.			
		5,472,441	12/1995	Edwards et al.			
		5,476,495	12/1995	Kordis et al.			
		5,484,412	01/1996	Pierpont			
		5,497,774	03/1996	Swartz et al.			

## U.S. PATENT DOCUMENTS

[illegible]

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

## FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

EXAMINER INITIALS		DOCUMENT NUMBER	PUBLISHED DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
		40 01 086	07/1991	DE				
		A 656217	06/1995	EP				
		A 670168	09/1995	EP				
		WO 92/12754	08/1992	WO				
		WO 92/19307	11/1992	WO				
		WO 96/00042	01/1996	WO				
		WO 97/16127	05/1997	WO				

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	Cox, J. L. et al., Electrophysiology, Pacing and Arrhythmia, "Operations for Atrial Fibrillation", Clin. Cardiol. Vol. 14, pp. 827-834 (1991).
	Cox, J. L. et al., "The Surgical Treatment of Atrial Fibrillation", The Journal of Thoracic and Cardiovascular Surgery, Vol. 101, No. 4, pp. 569-592 (Apr. 1991).
	Cox, J. L. et al., "The Surgical Treatment of Atrial Fibrillation", The Journal of Thoracic and Cardiovascular Surgery, Vol. 101, No. 4, pp. 406-426 (Mar. 1991).
	Falk, R. H. et al., Atrial Fibrillation Mechanisms and Management, pp. 359-374 (1992).
	Heinz, G. et al., "Improvement in Left Ventricular Systolic Function After Successful Radiofrequency His Bundle Ablation for Drug Refractory, Chronic Atrial Fibrillation and Recurrent Atrial Flutter", Am. J. Cardiol., Vol. 69, pp. 489-492 (Feb. 15, 1992).
	Huang, S. K. et al., "Closed Chest Catheter Desiccation of the Atrioventricular Junction Using Radiofrequency Energy - A New Method of Catheter Ablation", J. Am. Coll. Cardiol., Vol. 9, No. 2, pp. 349-358 (Feb. 1987).
	Horowitz, L. N., Current Management of Arrhythmias, pp. 373-378 (1991).
	Gallagher, J. J. et al., "Catheter Technique for Closed-Chest Ablation of the Atrioventricular Conduction System, N. Engl. J. Med., Vol. 306, pp. 194-200 (Jan. 28, 1982).
	Martin, D. et al., "Atrial Fibrillation", pp. 35-59 (1994).
	Saul, J. P. et al., "Catheter Ablation of Accessory Atrioventricular Pathways in Young Patients: Use of Long Vascular Sheaths, the Transseptal Approach and a Retrograde Left Posterior Parallel Approach", J. Amer. Coll. Card., Vol. 21, No. 3, pp. 571-583 (Mar. 1, 1993).
	Scheinman, M. M. et al., "Catheter-Induced Ablation of the Atrioventricular Junction to Control Refractory Supraventricular Arrhythmias", JAMA, Vol. 248, pp. 851-855 (Aug. 20, 1982).

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

[illegible]

**EXAMINER:** Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.